

**FEDERAL COMMUNICATIONS COMMISSION**  
**445 Twelfth Street, SW**  
**Washington, DC 20554**

**MEDIA BUREAU**  
**AUDIO DIVISION**  
**APPLICATION STATUS:** (202) 418-2730  
**HOME PAGE:** [www.fcc.gov/mb/audio/](http://www.fcc.gov/mb/audio/)

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August 19, 2011

Mark Lipp, Esquire  
Wiley Rein LLP  
1176 K St. NW  
Washington, DC 20006

In re: Request for Experimental  
Authority  
Cumulus Licensing, LLC  
W256BO, Atlanta, GA  
Facility ID No.: 148550

Dear Counsel:

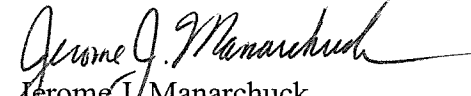
The staff has under consideration the request received on August 8, 2011, for experimental authority to permit W256BO to operate with a technology known as single sideband suppressed carrier (SSBSC) modulation of the stereo subcarrier in the FM multiplex baseband signal. The experimental authority is requested pursuant to 47 C.F.R. § 73.1510 for a period of one year.

The letter request states that W256BO, an FM translator station, is working with Omnia Audio to test whether multipath can be reduced through a reduction of occupied bandwidth and sideband pairs of the modulated carrier. In addition, the request indicates there are multiple benefits for the broadcast signal: A reduction in multipath induced distortion, additional protection to spectrum used for RDS, SCA signals, and HD-Radio content. There will be no changes to W256BO's licensed operation aside from operating with SSBSC modulation.

Accordingly, the requested experimental authority described above IS HEREBY GRANTED. This authority is specifically conditioned on the lack of objectionable interference. A report detailing the methodology employed and the results obtained must be submitted within **ninety** days following the

conclusion of the experimental operation pursuant to 47 C.F.R. § 73.1510(d). This experimental authority expires on **August 19, 2012**. Any request for extension of this authority should be filed at least thirty days prior to this expiration date. **Additionally, such a request must include an interim version of the aforementioned report that details the progress of the experimental program as of the filing date.**

Sincerely,

  
Jerome J. Manarchuck  
Audio Division  
Media Bureau